

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|-----------------|------------------|---------|------------------|
| L1 | 131 | 359/811,808,813,819,824.ccls. and @pd> = "20090710" | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L2 | 55 | 359/822,823.ccls. and @pd> = "20090710" | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L3 | 1 | ("20040070852").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L4 | 1 | ("20040160657").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L5 | 1 | ("20020163741").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L6 | 1 | ("20040070852").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L7 | 760 | (vertical and horizontal) with (displacement moving) with lens | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L8 | 3659 | 359/811,808,813,819,824.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L9 | 34 | L8 and L7 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L10 | 1 | ("20070183064").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L11 | 195 | 359/822,823.ccls. and @pd> = "20080915" | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L12 | 566305 | 359/811,808,813,819,824.ccls. @pd> = "20080915" | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L13 | 1901 | 359/822,823.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L14 | 1901 | 359/822,823.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L15 | 3659 | 359/811,808,813,819,824.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L16 | 3 | (("6552862") or ("6930842") or ("20020163741")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L17 | 529179 | (perpendicular orthogonal) near10 (direction movement displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L18 | 101468 | exposure near5 (device apparatus system) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L19 | 47541 | (accurate fine) near5 adjustment | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L20 | 1160 | L17 and L18 and L19 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L21 | 8 | L13 and L20 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L22 | 6 | coordinate and L21 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |

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|-----|--------|--|----------------------------|----|-----|---------------------|
| L23 | 19 | L20 and L8 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L24 | 3 | ("20010038500" or ("6259571") or ("20020085291")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:01 |
| L25 | 10 | (US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L26 | 5 | L25 and detect\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L27 | 2 | L25 and sealed | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L28 | 2 | L25 and seal | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L29 | 1 | L25 and friction | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L30 | 3 | (detect\$3 and monitor\$3) and L25 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L31 | 172346 | (perpendicular orthogonal) near10 (direction movement displacement) | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L32 | 62297 | exposure near5 (device apparatus system) | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L33 | 15561 | (accurate fine) near5 adjustment | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L34 | 0 | (detect\$3 and monitor\$3) and L25 | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L35 | 209935 | (detect\$3 and monitor\$3) | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L36 | 7 | L31 and L32 and L33 | FPRS; EPO; JPO; DERWENT | OR | ON | 2009/10/19 15:01 |
| L37 | 20072 | measur\$3 near5 coordinates | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L38 | 529179 | (perpendicular orthogonal) near10 (direction movement displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L39 | 101468 | exposure near5 (device apparatus system) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L40 | 47541 | (accurate fine) near5 adjustment | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L41 | 1160 | L38 and L39 and L40 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L42 | 138 | L41 and L37 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L43 | 1901 | 359/822,823.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L44 | 3 | L43 and L42 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L45 | 7 | L37 and L43 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |

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| L46 | 67261 | displacement near10 (detect\$3 sens\$3) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L47 | 56 | L42 and L46 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L48 | 11 | (US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$ or US-20050133732-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L49 | 7 | measuring near20 coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L50 | 17 | measur\$3 near20 coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L51 | 11550 | measuring near20 coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L52 | 1 | L48 and L51 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L53 | 4 | L48 and coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L54 | 4 | L53 and predetermined | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:01 |
| L55 | 6752 | ((first and second) same (detectors or sensors)) same coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L56 | 1901 | 359/822,823.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L57 | 2 | L56 and L55 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L58 | 3659 | 359/811,808,813,819,824.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L59 | 1 | L58 and L55 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L60 | 101468 | exposure near5 (device apparatus system) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L61 | 365 | L60 and L55 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L62 | 303 | L61 and measur\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L63 | 71 | L61 and (measur\$3 near10 displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L64 | 50 | L63 and predetermined | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L65 | 3 | L53 and links | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L66 | 45828 | (detect\$3 sens\$3) same (predetermined and displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L67 | 19388 | (detect\$3 sens\$3) near10 (predetermined and displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L68 | 12363 | (detect\$3 sens\$3) near5 (predetermined and displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |

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| L69 | 12 | (US-20020163741-\$ or US-20040070852-\$ or US-20040042094-\$ or US-20070121224-\$ or US-20040189969-\$ or US-20030234989-\$ or US-20070279768-\$ or US-20020085291-\$ or US-20010038500-\$ or US-20050133732-\$ or US-20080117534-\$).did. or (US-6930842-\$ or US-6529264-\$ or US-6259571-\$ or US-6798516-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L70 | 5 | L66 and L69 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L71 | 5 | L67 and L69 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L72 | 3 | L68 and L69 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L73 | 4684 | (second near3 sensor) and L67 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L74 | 3241 | (second near3 sensor) and L68 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L75 | 2898 | (detect\$3 sens\$3) near5 (predetermined same displacement) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L76 | 658 | (second near3 sensor) and L75 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L77 | 1901 | 359/822,823.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L78 | 3659 | 359/811,808,813,819,824.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L79 | 6 | L76 and (L77 L78) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L80 | 10474 | (sens\$3 detect\$3) near5 (measur\$3 near5 predetermined) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L81 | 49 | L76 and L80 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L82 | 11 | L81 and lens\$2 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L83 | 11 | L81 and lens\$2 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L84 | 1341 | L80 and coordinate | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L85 | 447 | L84 and lens\$2 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L86 | 301 | L85 and degree | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L87 | 293 | L86 and position | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L88 | 1 | L87 and (L77 L78) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L89 | 236 | L87 and (driving motor driven actuator) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L90 | 436 | (sens\$3 detect\$3) near5 (measur\$3 near5 (predetermined adj2 position)) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |

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| L91 | 26 | L89 and L90 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L92 | 436 | (sens\$3 detect\$3) near5 (measur\$3 near5 (predetermined adj2 position)) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L93 | 26 | L89 and L92 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L94 | 0 | ("6,312,8596,710,848").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L95 | 2 | (("6,312,859") or ("6,710,848")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L96 | 1 | ("20080074764").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L97 | 0 | ("83and(compositenear2gravity)").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L98 | 1 | L96 and (composite near2 gravity) | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L99 | 1 | ("6021107").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L100 | 1 | ("20070183064").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L101 | 1 | ("20020163741").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L102 | 1 | ("20040070852").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L103 | 2 | ((("6552862") or ("6930842"))).PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L104 | 1 | ("0747842").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L105 | 1 | ("20090103199").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L106 | 0 | ("framenear2member.clm.").PN. | US-PGPUB; USPAT | OR | OFF | 2009/10/19 15:02 |
| L107 | 58534 | frame near2 member.clm. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L108 | 4534 | displacement near2 portion.clm. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L109 | 8277 | transmission near2 portion.clm. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L110 | 32354 | holding near2 member.clm. | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |
| L111 | 1 | L107 and L108 and L109 and L110 | US-PGPUB; USPAT | OR | ON | 2009/10/19 15:02 |

EAST Search History (Interference)

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10/19/2009 3:32:13 PM**C:\ Documents and Settings\ jjones4\ My Documents\ EAST\ Workspaces\ 10584177.wsp**